

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
8 March 2001 (08.03.2001)

PCT

(10) International Publication Number  
**WO 01/16164 A3**

(51) International Patent Classification<sup>7</sup>: **A61K 38/17**,  
A61P 37/08

(21) International Application Number: PCT/GB00/03287

(22) International Filing Date: 24 August 2000 (24.08.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
9920673.2 1 September 1999 (01.09.1999) GB

(71) Applicant (for all designated States except US): **EVO-  
LUTEC LIMITED** [GB/GB]; Magdalen Centre, Oxford  
Science Park, Oxford OX4 4GA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **NUTTALL, Patri-  
cia, Anne** [GB/GB]; 1 Manor Farm Culham, Oxon OX14  
4NP (GB). **PAESEN, Guido, Christiaan** [BE/GB]; Guy  
Court, Flat 2, 1 King Street, Jericho, Oxford OX2 6DB  
(GB).

(74) Agents: **MERCER, Christopher, Paul et al.**; Carpmaels  
& Ransford, 43 Bloomsbury Square, London WC1A 2RA  
(GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,  
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,  
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW). Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,  
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- With international search report.
- Before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments.

(88) Date of publication of the international search report:  
3 May 2001

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: TREATMENT OF ALLERGIC RHINITIS

(57) Abstract: The invention relates to the discovery that various proteins isolated from ticks are effective in the treatment and prevention of allergic rhinitis. These proteins may most suitably be applied to an effected area and are thus effective to treat this condition and to ameliorate its symptoms.

20010308 55128001

WO 01/16164 A3